



EPR NOTICES

SAPVIA Webinar

Date: 22 August 2024

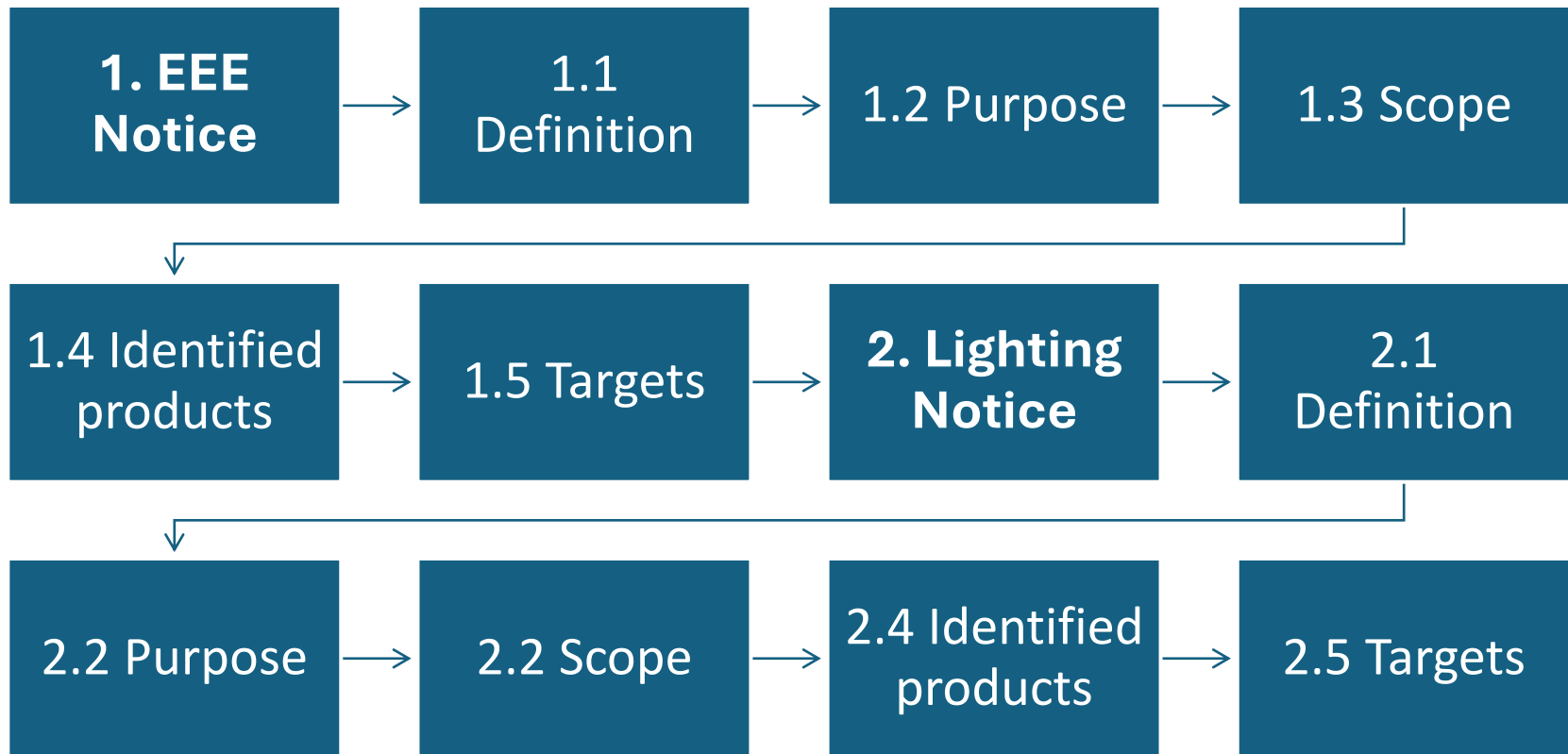


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Presentation Outline



EEE NOTICE



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Definition

"electrical and electronic equipment" means equipment which is dependent on electric currents or electromagnetic fields in order to work properly and equipment for the generation, transfer and measurement of such currents and fields and designed for use with a voltage rating not exceeding 1 000 volts for alternating current and 1 500 volts for direct current



Purpose of Notice

- require a producer or class of producers of the products listed in paragraph 4 of this Notice to set up procedures, processes and invest resources to implement the extended producer responsibility measures
- Take responsibility for products at post-consumer phase



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Scope of the EEE EPR Notice: Identified products

Mandatory take-back of EEE products at the end of its life must be implemented within 1 year of the date of the implementation of the EPR Scheme for the following identified CLASS of products:



(a) Batteries;



(b) Electrical goods;



(c) Electronic consumer goods; and



(d) Electronic industrial goods



Exclusions:



lighting equipment and its related components; and



portable batteries.



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EEE EPR Targets

Year	Mandatory take back (tons)	Recycled (tons)
Increase of 30% mandatory take back and recycling rate per annum		
1	36 000.00	36 000.00
2	47 000.00	47 000.00
3	61 000.00	61 000.00
4	79 000.00	79 000.00
5	103 000.00	103 000.00



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LIGHTING NOTICE

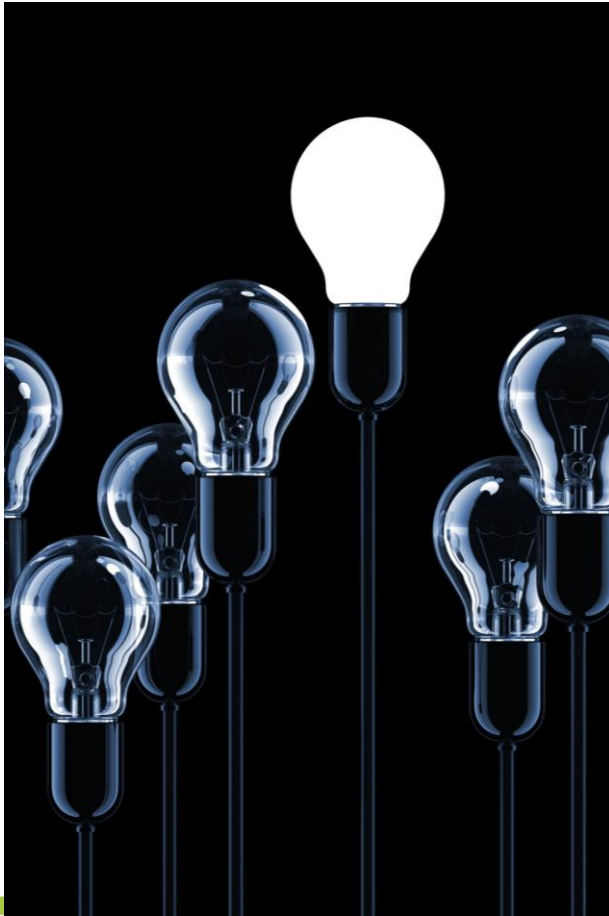


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Definition



"**lighting equipment**" means electrical or electronic equipment used for producing artificial light or illumination ", and also includes any peripherals of the lighting bodies such as luminaires, switch components, ballasts, fixtures and modules



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Purpose of the Notice

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2. (1) The purpose of this Notice is to require a producer or class of producers of the LIGHTING products to set up procedures, processes and invest resources to implement

the extended producer responsibility measures linked to-

(a) collection of their products in the post- consumer stage;

(b) reuse;

(c) recycling;

(d) recovery;

(e) refurbishment; and

(e) disposal of their products in the post -consumer stage.



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Scope of the Notice

- "Mandatory take back of their identified products
8.(1) Mandatory take -back of identified products at the end of its life must be implemented for all the products identified in Annexure 1 within 1 year of the date of the implementation of the Extended Producer Responsibility Scheme."



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Identified products

(a) Lighting products: Different types of Lighting equipment include, but are not limited to:

(i) Gas Discharge Lighting;

- low pressure discharge Lighting: fluorescent (compact, linear and non- linear and nonfluorescent (low pressure sodium, low pressure mercury vapour);
- high intensity discharge Lighting: high pressure sodium, low pressure sodium, metal halide, high pressure mercury vapour, xenon;
- Lighting for special purposes;

(ii) All Light emitting diode (LED) lighting sources and types;

(iii) Signal/ signage lighting as well as associated equipment;

(iv) Luminaires and lighting equipment fixtures or modules or associated electrical

components;

(v) Laser, Pixel and ultraviolet irradiation (UVI) or ultraviolet germicidal irradiation

(UVGI) lighting;

(vi) Automotive lighting and luminaires;

(vii) Incandescent (filament) light bulbs and Halogen; and

(viii) Off grid solar powered lighting.



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Lighting targets



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Product	Mandatory take back					Recovery					Recyclability				
	Y1	Y2	Y3	Y4	Y5	Y1	Y2	Y3	Y4	Y5	Y1	Y2	Y3	Y4	Y5
i) Gas Discharge Lamps	12%	16%	19%	23%	31%	90%	95%	96%	97%	98%	93%	93%	93%	93%	93%
Low pressure discharge lighting - Fluorescent	15%	20%	25%	30%	40%	90%	95%	96%	97%	98%	95%	95%	95%	95%	95%
HID	15%	20%	25%	30%	40%	90%	95%	96%	97%	98%	95%	95%	95%	95%	95%
Lighting for special purposes	5%	8%	8%	10%	12%	90%	95%	96%	97%	98%	90%	90%	90%	90%	90%
ii) Retrofit LED	15%	20%	25%	25%	25%	78%	83%	83%	83%	88%	60%	70%	75%	75%	75%
LED linear tubes	15%	20%	25%	25%	25%	75%	80%	80%	80%	85%	60%	70%	75%	75%	75%
LED Bulbous shape	15%	20%	25%	25%	25%	80%	85%	85%	85%	90%	60%	70%	75%	75%	75%
iii) New LED sources	5%	10%	15%	20%	20%	80%	85%	90%	90%	90%	70%	75%	85%	85%	85%
LED Lighting and luminaires	5%	10%	15%	20%	20%	80%	85%	90%	90%	90%	70%	75%	85%	85%	85%
iv) Other Light Emitting Devices	10%	15%	20%	25%	30%	73%	73%	73%	73%	73%	62%	62%	65%	67%	67%
Vehicle/Automotive Lighting	10%	15%	20%	25%	30%	80%	80%	80%	80%	80%	50%	50%	60%	65%	65%
Lighting from other electronic equipment	10%	15%	20%	25%	30%	90%	90%	90%	90%	90%	85%	85%	85%	85%	85%
Others	10%	15%	20%	25%	30%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%
v) Luminaires and Lighting Equipment	5%	10%	15%	20%	30%	90%	92%	94%	96%	96%	95%	95%	95%	95%	95%
Fixtures/Modules/Associated electrical components	5%	10%	15%	20%	30%	90%	92%	94%	96%	96%	95%	95%	95%	95%	95%
vi) Laser, Pixel and UGVC lighting	2%	2%	2%	2%	2%	70%	70%	70%	70%	70%	70%	70%	70%	70%	70%
Laser, Pixel and UGVC lighting	2%	2%	2%	2%	2%	70%	70%	70%	70%	70%	70%	70%	70%	70%	70%
vii) off grid Solar powered lighting	5%	10%	15%	17%	19%	77%	78%	80%	80%	80%	80%	82%	85%	87%	87%
Off grid solar lighting	5%	10%	15%	20%	20%	80%	85%	90%	90%	90%	70%	75%	85%	85%	85%
Lighting solar panels	5%	10%	15%	15%	18%	70%	70%	70%	70%	70%	90%	90%	90%	90%	90%
Solar lighting energy storage	5%	10%	15%	15%	18%	80%	80%	80%	80%	80%	80%	80%	80%	85%	85%
viii) Incandescent and Halogen light bulbs	50%	60%	65%	70%	70%	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%
Halogen lamps	50%	60%	65%	70%	70%	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%
Incandescent filament lamps	50%	60%	65%	70%	70%	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%
Collection	The collection of waste lighting lamps as a percentage against the import of new lighting lamps;														
	n.b. in a growing economy 100% is not possible as this would mean 0% growth of the market														
Recovery	The ability to separate the various fractions from the product, and liberate for further recycling														

THANK YOU!

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Thank You



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